EIC 1700
Search
MRy

=> fil reg
FILE 'REGISTRY' ENTERED AT 14:50:55 ON 05 APR 2006
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    4 APR 2006   HIGHEST RN 879269-14-4
DICTIONARY FILE UPDATES:   4 APR 2006   HIGHEST RN 879269-14-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

    Please note that search-term pricing does apply when
    conducting SmartSELECT searches.

***********************************************************************
*                                                                     *
* The CA roles and document type information have been removed from   *
* the IDE default display format and the ED field has been added,     *
* effective March 20, 2005.  A new display format, IDERL, is now      *
* available and contains the CA role and document type information.   *
*                                                                     *
***********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> fil hcap
FILE 'HCAPLUS' ENTERED AT 14:50:57 ON 05 APR 2006
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FILE COVERS 1907 - 5 Apr 2006  VOL 144 ISS 15

FILE LAST UPDATED: 4 Apr 2006   (20060404/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> d his

        (FILE 'HOME' ENTERED AT 12:03:37 ON 05 APR 2006)

        FILE 'REGISTRY' ENTERED AT 12:03:48 ON 05 APR 2006
                    ACT WED852/A
                    ---------
L1              STR
L2        15977 SEA FILE=REGISTRY SSS FUL L1
                    ---------
L3              STR L1
L4              STR L3
L5           12 S L4 SAM SUB=L2
L6              STR L4
L7           38 S L6 SAM SUB=L2
L8          197 S L4 FUL SUB=L2 w/0
L9          834 S L6 FUL SUB=L2 w/.
                SAV L8 YAM269S1/A
                SAV L9 YAM269S2/A
L10         826 S L9 NOT PMS/CI
L11          49 S L10 AND 0-1/X
L12         194 S L8 NOT PMS/CI
L13         161 S L12 NOT 2-50/N
                SAV L11 YAM269W/A
                SAV L13 YAM269WO/A


        FILE 'HCAPLUS' ENTERED AT 14:20:43 ON 05 APR 2006
L14          46 S L11
L15         598 S L13
L16           4 S L15 AND COAT?
L17          42 S L15 AND P/DT
L18          35 S L17 AND (1907-2000)/PRY,AY
L19         563 S L15 NOT L18
L20         498 S L19 NOT (2000-2006)/PY


        FILE 'REGISTRY' ENTERED AT 14:40:08 ON 05 APR 2006
L21              STR L4
L22           6 S L21 SAM SUB=L2
L23          84 S L21 FUL SUB=L2
                SAV L23 YAM269S3/A


        FILE 'HCAPLUS' ENTERED AT 14:43:35 ON 05 APR 2006
L24         296 S L23


        FILE 'REGISTRY' ENTERED AT 14:46:15 ON 05 APR 2006
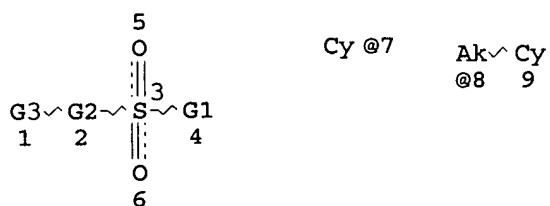L25          22 S L23 AND 1/NC w/0
L26          39 S L11 AND 1/NC w/


        FILE 'HCAPLUS' ENTERED AT 14:47:22 ON 05 APR 2006


MEI HUANG  EIC1700  REM4B28  571-272-3952                    04/05/2006

```
L27          216 S L25
L28           40 S L26
L29           18 S L27 AND P/DT
L30           13 S L29 AND (1907-2000)/PRY,AY
L31          198 S L27 NOT L29
L32          182 S L31 NOT (2000-2006)/PY
```

FILE 'REGISTRY' ENTERED AT 14:50:55 ON 05 APR 2006

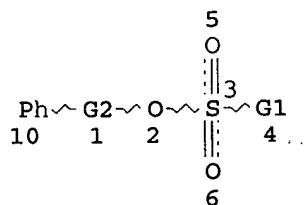FILE 'HCAPLUS' ENTERED AT 14:50:57 ON 05 APR 2006

```
=> d 125 que stat
L1                  STR

          5
          O                Cy @7      Ak⌣Cy
          ‖3                           @8   9
G3⌣G2⌣S⌣G1
 1    2   ‖    4
          O
          6
```

VAR G1=OH/X
VAR G2=O/S/SE
VAR G3=7/8
NODE ATTRIBUTES:
CONNECT IS E2  RC AT    8
DEFAULT MLEVEL IS ATOM
GGCAT    IS UNS  AT    7
GGCAT    IS SAT  AT    8
GGCAT    IS UNS  AT    9
DEFAULT ECLEVEL IS LIMITED


GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS   9

STEREO ATTRIBUTES: NONE
```
L2          15977 SEA FILE=REGISTRY SSS FUL L1
L21                 STR

          5
          O
          ‖3
Ph⌣G2⌣O⌣S⌣G1
10   1   2  ‖    4
          O
          6
```
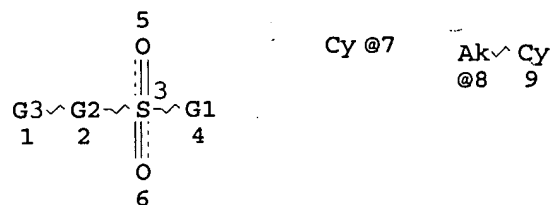
VAR G1=OH/X
REP G2=(0-8) CH2
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS    7

STEREO ATTRIBUTES: NONE
L23            84 SEA FILE=REGISTRY SUB=L2 SSS FUL L21
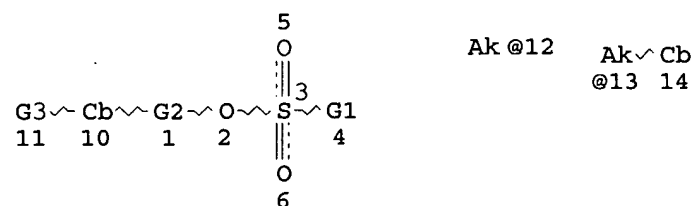L25            22 SEA FILE=REGISTRY L23 AND 1/NC


=> d 126 que stat
L1                  STR

```
        5
        O          ·       Cy @7      Ak⌣Cy
        ‖3                             @8   9
G3⌣G2⌣S⌣G1
 1   2  ‖   4
        O
        6
```

VAR G1=OH/X
VAR G2=O/S/SE
VAR G3=7/8
NODE ATTRIBUTES:
CONNECT IS E2   RC AT    8
DEFAULT MLEVEL IS ATOM
GGCAT     IS UNS   AT    7
GGCAT     IS SAT   AT    8
GGCAT     IS UNS   AT    9
DEFAULT ECLEVEL IS LIMITED


GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS    9

STEREO ATTRIBUTES: NONE
L2           15977 SEA FILE=REGISTRY SSS FUL L1
L6                  STR

```
          5
          O          Ak @12    Ak⌣Cb
          ‖3                     @13  14
G3⌣ Cb⌣ G2 ⌣ O⌣ S⌣G1
11  10   1   2  ‖   4
          O
          6
```

VAR G1=OH/X
REP G2=(0-8) CH2
VAR G3=12/13
NODE ATTRIBUTES:
CONNECT IS E2   RC AT   12
CONNECT IS E2   RC AT   13
DEFAULT MLEVEL IS ATOM
GGCAT     IS UNS   AT   10

```
GGCAT    IS SAT AT 12
GGCAT    IS SAT AT 13
GGCAT    IS UNS AT 14
DEFAULT ECLEVEL IS LIMITED


GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  11


STEREO ATTRIBUTES: NONE
L9          834 SEA FILE=REGISTRY SUB=L2 SSS FUL L6
L10         826 SEA FILE=REGISTRY L9 NOT PMS/CI
L11          49 SEA FILE=REGISTRY L10 AND 0-1/X
L26          39 SEA FILE=REGISTRY L11 AND 1/NC
```

*See L28 on Page 3*

```
=> d 128 ibib abs hitstr hitind 1-40
```

L28  ANSWER 1 OF 40  HCAPLUS  COPYRIGHT 2006 ACS on STN

| | |
|---|---|
| ACCESSION NUMBER: | 2004:654762  HCAPLUS |
| DOCUMENT NUMBER: | 141:170429 |
| TITLE: | Intensified neutral loss tags and use thereof in mass spectrometry |
| INVENTOR(S): | Wang, Poguang; Li, Guodong; Gao, Jianxin; Giese, Roger W. |
| PATENT ASSIGNEE(S): | USA |
| SOURCE: | U.S. Pat. Appl. Publ., 15 pp. CODEN: USXXCO |
| DOCUMENT TYPE: | Patent |
| LANGUAGE: | English |
| FAMILY ACC. NUM. COUNT: | 1 |
| PATENT INFORMATION: | |

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| US 2004157344 | A1 | 20040812 | US 2003-741585 | 20031219 |

| | | | | |
|---|---|---|---|---|
| PRIORITY APPLN. INFO.: | | | US 2002-435179P   P | 20021219 |

```
AB  Ultrasensitive detection of a chem. substance (analyte) by mass
    spectrometry is achieved by employing a mol. tag that yields an
    intense parent ion and then an intense daughter ion in a multi-stage
    mass spectrometer.
IT  733040-51-2P
    RL: ARU (Analytical role, unclassified); SPN (Synthetic
    preparation); ANST (Analytical study); PREP (Preparation)
        (intensified neutral loss tags and use thereof in mass
        spectrometry)
RN  733040-51-2  HCAPLUS
CN  Phenol, 4-(bromomethyl)-, hydrogen sulfate (9CI)   (CA INDEX NAME)
```